#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

DONG-KYUN SEO et al.

Serial No.:

to be assigned

Examiner:

to be assigned

Filed:

20 February 2002

Art Unit:

to be assigned

For:

METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY

HAVING THE SAME

#### TRANSMITTAL OF DECLARATION

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

This transmittal accompanies the original Declaration for the above-referenced application.

Respectfully submitted,

Robert E. Bushnell

Attorney for the Applicant Registration No.: 27,774

Suite 300, 1522 "K" Street, N.W. Washington, D.C. 20005 (202) 408-9040

Folio: P56645

Date: 20 February 2002

I.D.: REB/sb

PTO/SB/01 (6/95)

### **DECLARATION**

Docket No. <u>P56645</u>

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name. believe that I am the original, first and sole (if only one name is listed below), of an original, first and joint inventor (if plurst names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## TITLE: METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY HAVING THE SAME

SAME				
the specification of which either is a	ttached hereto or otherwise accompanies this Decl	pration, of:		
was filed in the U.	S. Potent & Trademark Office on	and assigned Serial No.		<b>-</b>
<del>[ ]</del>				<u>.                                    </u>
and (if applicable) wa		identified specification, including the claims, as ar	nended by any ame	ndment
referred to above. I acknowledge the 37 of the Code of Federal Regulation	ns \$1.56. I hereby claim foreign priority benefits u	identified specification, increasing the charges attentibility and to the examination of this application ander Title 35, U.S. Code §119(a)-(d) or §365(b) of the designated at least one country other than the Low any foreign applications for patent or inventor's	any foreign applic	ation(s) 19(c) of
date before that of the application or	which priority is claimed:		Priority C	'laimed:
2001-8753	Republic of KOREA	21 February 2001	Yes[X] <sup>†</sup>	40 [ ]
(Application Number)	(Country)	(Day/Month/Your filed)		
			Yes  ] !	No [ ]
(Application Number)	(Country)	(Day/Month/Year filed)		
			Yes[ ] <sup>1</sup>	No[ ]
(Application Number)	(Country)	(Day/Month/Year filed) tes application(s), or \$365(c) of any PCT Internation this configuration is not disclosed in the prior United	1	
the United States, listed below and, i	nsofar as the subject matter of each of the claims of and by the first paragraph of Title 35, U.S. Code, §1 ederal Regulations, §1.56(a) which became availa	tes application is not disclosed in the prior United 12.1 acknowledge the duty to disclose information the between the filing date of the prior application	material to putenta	bility as
	(Filing Date)	(STATUS: patented, pending, ahandoned)	<del></del>	•
(Application Serial No.)	(i mig bert)		· · · · · · · · · · · · · · · · · · ·	
(Application Serial No.)	(Filing Dute)	(STATUS: patented, pending, abandoned)		
Reg. No. 34,973, and Darren R. Cre	w. Reg. No. 37,806, to prosecute this application continuation, continuation-in-part, reissue or re-extent, and to receive all patents which may issue the Robert E. Bushnell, Attorney-at-Law Suite 300, 1522 "K" Street, N.W.	following attorneys: Robert E. Bushnell, Reg. No. and to transact all business in the U.S. Patent & Transination application, with full power of appointmenent, and request that all correspondence be addressed, and request that all correspondence be addressed.  Payor No. 908439	nent and with full I	nnected nower to
		Area Code: 202-408-9040	slief are believed to	) he true;
		and that all statements made on information and he ments and the like so made are punishable by fine ze the validity of the application or any patent issu		or both,
FULL NAME OF FIRST OR SOLE	INVENTOR: DONG-KYUN SEO		Republic of KOR	
•	ang Kun Seo	Date: 18	Feb. 200	32
Paridence & Past Office Address: 8	06-1603, Doosan Apt., Byukjeekgel, Youngtong- Suwon-city, Kyungki-do, Republic of Korea	•		**
FULL NAME OF SECOND JOINT	INVENTOR: JONG-SEO CHOI		Republic of KOR	(EA
Name of the contract of the co	Toma Seo Choù		Feb. 20	02
Inventor's signature Residence & Post Office Address: I	02-2402, Hyundai Apt., 275-1, Seoksoo-dong, M Kyungki-do, Republic of Korea	nnan-gu, Anyang-city,		
FULL NAME OF THIRD JOINT I	NVENTOR: KYOUNG-CHEON	30/11	Republic of KOR	EA
to constitute	Lyoung Chem Son		.8 Feb. 2	002
Paridance & Post Office Address:	104/308, Workcheon Hankook Apt., Maetan-dong, Suwon-city, Kyungki-do, Republic of Korea			
FULL NAME OF FOURTH JOINT	TINVENTOR: KYU-NAM JOO		Republic of KOR	
a contraction advance.	1841 MALY		Feb. 20	02
Inventor's signature: Residence & Post Office Address:	109-1904, Theyoung Apt, Dacheung-dong, Mapo	gu, Senul, Republic of Korea	٠,	

Docket No.

P56645

# DECLARATION (Page Two)

FULL NAME OF FIFTH JOINT INVENTOR:	SUNG-HWAN MOON	Citizenship: Republic of KOREA
FULL NAME OF FIFTH JOHN IN TENTON	Guld-Hum Morn	Date: 18 Feb. 2002
Inventor's signature:	June Juneau Suwan-city	
Inventor's signature: Residence & Post Office Address: 528-1804, Jinro Apt., E Kyungki-do, Republic	hickscolmacul, Jeongin 1-dong, Jangan 20, (dawaii 99) of Korcu	
	VOON CHANG KIM	Citizenship: Republic of KOREA
FULL NAME OF SIXTH JOINT INVENTOR:	Kim-foon chang	Date: 18 Feb. 2002
Inventor's signature: Residence & Post Office Address: 234-1103, Poonglim A	Hwangadayed Youngtong-done Paldal-gu,	
Residence & Post Office Address: 234-1103, Foungitin A. Suwon-city, Kyungki-C	lo. Republic of Korea	
TO SELECTIVE LOUNT INVENTOR	SEUNG-KWON HAN	Citizenship: Republic of KOREA
FULL NAME OF SEVENTH JOINT INVENTOR:	0 1. 11-	Date: 18 Feb. 2002
Inventor's signature:	Apl., Jainwon-dong, Schol-gu, Scoul, Republic of Korea	
FUILL NAME OF EIGHTH JOINT INVENTOR:		Citizenship: Republic of KOREA
Inventor's signature:	Garantina au Sacul Republic of Korea	
Inventor's signature: Residence & Post Office Address: 539-21, Oksoo 1-dong		Citizenship:
FUTE NAME OF NINTH JOINT INVENTOR:		Chizenship.
		Date:
Invegtor's signature:		•
Residence & Post Office Address:		
		Citizenship:
FUEL NAME OF TENTH JOINT INVENTOR:		_
Inventor's signature:		Dute:
Residence & Post Office Address:		

#### **DECLARATION**

Docket No. P56645

AS A BELOW NAMED INVENTOR, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below), of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### TITLE: METAL CATHODE AND INDIRECTLY HEATED CATHODE ASSEMBLY HAVING THE **SAME**

0/11/12		'	aration or				
the specification of which either is attack							
was filed in the U.S. P	atent & Trademark	Office on	and assigned	Serial No.			
and (if applicable) was a	mended on				J L.,		_ ment
I hereby state that I have revire ferred to above. I acknowledge the dut 37 of the Code of Federal Regulations for patent or inventor's certificate, or §3 any United States provisional application.	ewed and understar ty to disclose inform 1.56. I hereby claim	nd the contents of the above- nation which is material to pa m foreign priority benefits u	nder Title 35, U.S. Code §11	19(a)-(d) or §365(b) of any fountry other than the United	oreign ap States, o	plicati r §119	on(s) (e) of
date before that of the application on wh	hich priority is clair	ned:			Priority	y Clai	imed:
2001-8753		of KOREA	21 February 2		Yes [X	] No	[ ]
(Application Number)	(C	ountry)	(Day/Month/)				
					Yes [	] No	[ ]
(Application Number)	(C	ountry)	(Day/Month/	Year filed)			
and the state of t					Yes [	] No	[ ]
(Application Number)  I hereby claim the benefit un		ountry)	(Day/Month/				
the United States, listed below and, inso application(s) in the manner provided between the defined in Title 37, The Code of Feder international filing date of this application.	ral Regulations, §1	.50(a) which became availa	iole between the ming date	or the prior approximation			•
(Application Serial No.)	(Filing Date)		(STATUS: patented, pend	ding, abandoned)			
(Application Serial No.)	(Filing Date)		(STATUS: patented, pen	ding, abandoned)			
I hereby revoke all previous Reg. No. 34,973, and Darren R. Crew, therewith and with any divisional, consubstitute an associate attorney or agen	Reg. No. 37,806, to tinuation, continuated, and to receive all Robert E. Bu Attorney-at-	o prosecute this application tion-in-part, reissue or re-ex l patents which may issue th ishnell,	amination application, with	full power of appointment a orrespondence be addressed	and with		
	*** 1 1	D.C. 20005 1202	Area Code:	202-408-9040			
I HEREBY DECLARE that all statements and further that these statements were under §1001 of Title 18 U.S. Code and	ents made herein of	my own knowledge are true				ed to b	e true
FULL NAME OF FIRST OR SOLE I	NVENTOR:	DONG-KYUN SEC	)	Citizenship: Rep	public of	KORE	Α
				Date:			
Inventor's signature:  Residence & Post Office Address: 806  Sur	5-1603, Doosan Ap won-city, Kyungki-	t., Byukjeokgol, Youngtong do, Republic of Korea	-dong, Paldal-gu,				
FULL NAME OF SECOND JOINT II	NVENTOR:	JONG-SEO CHOI		Citizenship: Re			
Inventor's signature: Residence & Post Office Address: 102 Ky	2-2402, Hyundai A rungki-do, Republic	pt., 275-1, Seoksoo-dong, N	fanan-gu, Anyang-city,	Date:			
FULL NAME OF THIRD JOINT INV	VENTOR:	KYOUNG-CHEON	SON	Citizenship: Rep	oublic of	KORE	<u>A</u>
Inventor's signature:	4-308 Woncheon I			Date:			
FULL NAME OF FOURTH JOINT I				Citizenship: Re	public of	KORE	A
				Date:			
Inventor's signature:	9-1904, Taeyoung	Apt., Daeheung-dong, Map	o-gu, Seoul, Republic of Ko	rea			

Additional inventors are being named on separately numbered sheets attached hereto.



Docket No.	P56645
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FULL NAME OF FIFTH JOINT INVENTOR:	SUNG-HWAN MOON	Citizenship: _	Republic of KOREA
TOLE NAME OF THE THOUSAND AND ADDRESS OF THE THEORY		Date:	
Inventor's signature:  Residence & Post Office Address: 528-1804, Jinro Apt Kyungki-do, Republ	., Baekseolmaeul, Jeongja 1-dong, Jangan-gu, Suwon-city, lic of Korea		
FULL NAME OF SIXTH JOINT INVENTOR:	YOON-CHANG KIM	•	Republic of KOREA
Inventor's signature:		Date:	
Residence & Post Office Address: 234-1103, Poonglim	n Apt., Hwanggolmaeul, Youngtong-dong, Paldal-gu, ki-do, Republic of Korea		
FULL NAME OF SEVENTH JOINT INVENTOR:	SEUNG-KWON HAN	Citizenship:	Republic of KOREA
		Date:	
Residence & Post Office Address: 102-302, Hanshin 2	cha Apt., Jamwon-dong, Seocho-gu, Seoul, Republic of Korea		
FULL NAME OF EIGHTH JOINT INVENTOR:	BU-CHUL SIN	Citizenship:_	Republic of KOREA
		Date:	
Inventor's signature:	ong, Seongdong-gu, Seoul, Republic of Korea		
FULL NAME OF NINTH JOINT INVENTOR:		Citizenship:	
		Date:	
Inventor's signature:		Date.	
Residence & Post Office Address:			
in the second of		Citizenship:	
FULL NAME OF TENTH JOINT INVENTOR:			
Inventor's signature:		Date:	
Residence & Post Office Address:			